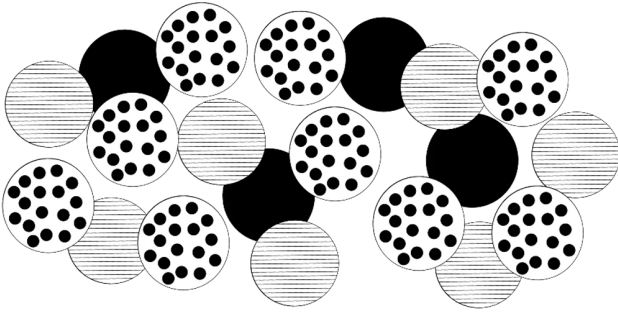


NAME: _____

Ratios & Their Tables

A RATIO IS A COMPARISON OF TWO QUANTITIES.



YOU HAVE THE MARBLES SHOWN

TYPE OF MARBLE	TALLY	NUMBER
black		
stripes		
dots		

1. WRITE THE RATIO OF DOTTED MARBLES TO STRIPED MARBLES.
THERE ARE 3 WAYS TO WRITE A RATIO.

$\frac{\text{DOTTED}}{\text{DOTTED}}$ TO $\frac{\text{SPOTTED}}{\text{SPOTTED}}$
 $\frac{\text{DOTTED}}{\text{DOTTED}} : \frac{\text{SPOTTED}}{\text{SPOTTED}}$
 $\frac{\text{DOTTED}}{\text{DOTTED}} \text{ TO } \frac{\text{SPOTTED}}{\text{SPOTTED}}$

2. WRITE THE RATIO OF STRIPED MARBLES TO BLACK MARBLES.

$\frac{\text{STRIPED}}{\text{STRIPED}}$ TO $\frac{\text{BLACK}}{\text{BLACK}}$
 $\frac{\text{STRIPED}}{\text{STRIPED}} : \frac{\text{BLACK}}{\text{BLACK}}$
 $\frac{\text{STRIPED}}{\text{STRIPED}} \text{ TO } \frac{\text{BLACK}}{\text{BLACK}}$

3. WRITE THE RATIO OF STRIPED MARBLES TO THE TOTAL NUMBER OF MARBLES.

$\frac{\text{STRIPED}}{\text{STRIPED}}$ TO $\frac{\text{TOTAL}}{\text{TOTAL}}$
 $\frac{\text{STRIPED}}{\text{STRIPED}} : \frac{\text{TOTAL}}{\text{TOTAL}}$
 $\frac{\text{STRIPED}}{\text{STRIPED}} \text{ TO } \frac{\text{TOTAL}}{\text{TOTAL}}$

RATIOS CAN BE PART-TO-PART, PART-TO-WHOLE, OR WHOLE-TO-PART COMPARISONS.

2 black crayons **to** 6 white crayons.

1 black crayon **for every** 3 white crayons.

3 white crayons **per** 1 black crayon.

3 white crayons **for each** black crayon.

3 white crayons **out of every** 4 crayons.

2 black crayons **out of** 8 crayons.

